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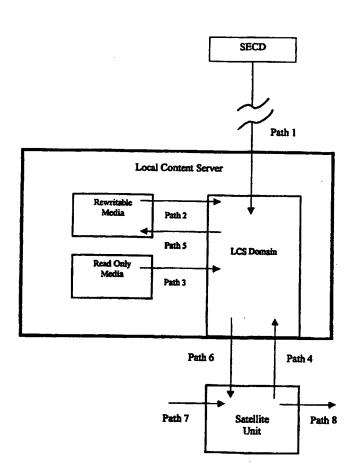
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(54) Title: A SECURE PERSONAL CONTENT SERVER



(57) Abstract: A local content server system (LCS) for creating a secure environment for digital content is disclosed, which system comprises: a communications port in communication (Path 1) for connecting the LCS via a network to at least one Secure Electronic Content Distributor (SECD), which SECD is capable of storing a plurality of data sets, is capable of receiving a request to transfer at least one content data set, is capable of transmitting the at least one content data set in a secured transmission; a rewritable storage medium (Rewritable Media) whereby content received from outside the LCS may be stored and retrieved; a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS; and a programmable address module which can be programmed with an identification code uniquely associated with the LCS. Optionally, the system may further comprise: an interface to permit the LCS to communicate with one or more Satellite Units (SU).

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citati	on of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.	
Y US 5,6	36,292 A (RHOADS) 03 JUN	E 1997, col. 33, line 42-col.	4, 6-15 and 17-29	
34, line	e 8.	·		
Y US 5.6	119 5 620 080 A (STERIK et al) 12 MAY 1007 1 26 11 27			
27. line	US 5,629,980 A (STEFIK et al) 13 MAY 1997, col. 26, line 37-col. 1-30 27, line 26.			
7,				
Y, P US 5,9	US 5,943,422 A (VAN WIE et al) 24 AUGUST 1999, col. 6, line 4, 6-15 and 17-29 53-62 and col. 10, line 18-56.			
53-62 8				
V 110.5.6	I HO 5 (2) (27) A (PRINCEP) OF THE PRINCE			
Y US 5,6 line 8.	US 5,636,276 A (BRUGGER) 03 JUNE 1997, col. 5, line 53-col. 6,			
line o.	ine 8.			
Y US 5,3	US 5,341,429 A (STRINGER et al) 23 AUGUST 1994, col. 4, lines 30			
1-22.	1-22.			
Further documents are listed in the continuation of Box C. See patent family annex.				
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